Info-Hams Digest   Mon, 30 May 94   Volume 94 : Issue 594

Today's Topics:
                           "for ID" (long)
                        440 in So. Cal. (3 msgs)
                    LOOKING FOR CLUB STATIONS (2 msgs)
          VPED ver 1.05 PHONE Pile-up Trainer has been released
                       WPX CW 94 qsl info collection

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 30 May 94 14:16:23 EDT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!wupost!udel!pacs.sunbelt.net!
DDEPEW%CHM.TEC.SC.US@network.ucsd.edu
Subject: "for ID" (long)
To: info-hams@ucsd.edu

In article <2sd7pa$jjf@kaiwan.kaiwan.com>, topolski@kaiwan.com (Robb Topolski
KJ6YT) writes:
>Hi Joe,
>
>Amateur Radio is a fraternity of people with similar skills and
>interests. Signals such as "QSY" and "73" can be compared to the secret
>handshake that other fraternities enjoy.
>
>In the late 1970's, early 1980's, police departments -- in response to
>prevailing opinions by the Associated Public-Safety Communications
>Officers (APCO) organization -- began to prohibit 10-codes from their
>radio channels because clear text was more understandable and efficient.

```
>The concluded, quite correctly, that no-one was being fooled by the
>police codes and there was no logical reason to use them.  The transition
>was short-lived, however, as the officers "in the trenches" liked the old
>codes.  They didn't disagree with any of the reasoning, they just liked
>to use them.
>
>I think we're stuck with "73" and "QSY" for along time.  I don't think
>you'll find many people to disagree that there are more efficient ways of
>communicating, but I don't think you'll find many people ready to switch
>either.
>
>--
>____[ Robb Topolski ]___[ San Clemente, CA ]___[ topolski@kaiwan.com ]____
>
Limited use of terms like QRM, QRP, etc., adds to the romance and
tradition of ham radio since it recalls the origin of the hobby in
CW.  These codes are, of course, still vital in CW work.  They can be
overused on phone, but -- like so many things -- they are nice in
moderation.

73!

Dorr Depew
N4QIX
>


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Date: 30 May 1994 18:19:05 GMT
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!news.byu.edu!
news@network.ucsd.edu
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

Jeffrey Herman (jherman@uhunix.uhcc.Hawaii.Edu) wrote:
| In article <vanwagCqLJB5.Myz@netcom.com> vanwag@netcom.com (George Van Wagner)
writes:
| >Sometimes I wonder why I have a dual band.

| George: Why not do what hams used to do on 2, 1 1/4, and 3/4 meters before
| repeaters: Simplex. Put your construction skills to use and build your-
| self a beam antenna and have some fun.

I don't know what it's like in other parts, but here in Utah there are
only two simplex frequencies on 440...

--
Ed Haymore   |   AA6EJ
```

Date: Mon, 30 May 1994 19:20:34 GMT
From: netcomsv!netcom.com!vanwag@decwrl.dec.com
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

Michael P. Deignan (md@pstc3.pstc.brown.edu) wrote:
: vanwag@netcom.com (George Van Wagner) writes:

: > Of over 350 pairs listed in So.Cal. in last years ARRL Repeater Guide,
: > there were only 32 open repeaters. What a waste of frequency. The only
: > open repeater I have been able to find that I can reach is on 446.650.
: > Sometimes I wonder why I have a dual band.

: I realize this may be a novel concept, but have you actually ever bothered
: to listen to some of these "closed" repeaters, find one which you like,
: and write to the repeater trustee asking for information on how to join
: the repeater?

: Closed repeaters != cliques. Many machines are "closed" for members only.
: Repeaters are expensive to put up and maintain - often several thousand
: dollars per year.

: Of course, I can understand where your objection comes from. Its that
: welfare-state mentality creeping into the hobby again. "Whaddya mean
: PAY for access to a repeater?!?!? I'm BREATHING, aren't I? Its my
: right!"

Material cut

: MD
: --
: -- Michael P. Deignan
: -- Amalgamated Baby Seal Poachers Union, Local 101
: -- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

I have never said that I have any objection to joining a repeater group.
As a matter of fact, I belong to the KJ6TQ repeater at 446.650 that I
mention above, both for the purpose of supporting a worthwhile effort and
to have the autopatch and paging privileges. I have never had a problem
with membership charges for expanded use priveleges on a repeater. The
problem that I have is with co-ordinated pairs being used by a small
group (5 or 6 people) to the exclusion of all others. There are also a
large number of paper pairs here in So. Cal. where I have never heard any
activity whatsoever. Unfortunately, since these pairs are "coordinated"

they are not available to someone who may want to put up an open system.
Oh well, I guess I still believe that old saw about the airwaves
belonging to the people. ;-)

George KE6EPC
--

vanwag@netcom.com

Date: Mon, 30 May 1994 19:54:39 GMT
From: netcomsv!netcom.com!vanwag@decwrl.dec.com
Subject: 440 in So. Cal.
To: info-hams@ucsd.edu

Jeffrey Herman (jherman@uhunix.uhcc.Hawaii.Edu) wrote:
: In article <vanwagCqLJB5.Myz@netcom.com> vanwag@netcom.com (George Van Wagner)
writes:
: >Sometimes I wonder why I have a dual band.

: George: Why not do what hams used to do on 2, 1 1/4, and 3/4 meters before
: repeaters: Simplex. Put your construction skills to use and build your-
: self a beam antenna and have some fun.

: You shouldn't be dependent upon someone else's radio (i.e. repeater) to
: enjoy your own radio.

: Jeff NH6IL

Jeff,
  If I didn't live in a first floor apartment at the front of the
building with no roof access, that's among the many projects I'd be
working on. As it is, I have a dual band J-pole in the living room and am
trying to figure out a way to rig up a 10 meter dipole in the apartment
without appearing live and in color on channel 2 (no easy way to run a
decent RF ground). Right now, my only 10 meter operation is mobile and
I'm not a real whiz at using a straight key on the freeway :)

George KE6EPC
--

vanwag@netcom.com

Date: Mon, 30 May 1994 19:38:49 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!relay.puug.pt!
news.inesc.pt!animal.inescn.pt!ciup2.ncc.up.pt!news.ci.ua.pt!

jluis@network.ucsd.edu
Subject: LOOKING FOR CLUB STATIONS
To: info-hams@ucsd.edu

Jose Miguel Fonte (etjfonte@ci.ua.pt) wrote:
:   Hello , thanks for reading .
:   We are starting our own associatio(club) and it would be nice to
:   exchange information with other clubs (ideas,...)
:   (...)
:   BTW our call is CT6ARU and we have been active on 40/15/10 mtrs.
:   Also on sat's RS10/RS12...
:   (...)

     By the way, we also have a e-mail address. So, if u need anything, or
if u r associated with any University club, just mail to

         ct6aru@ci.ua.pt   (e-mail address of our Association)

                         73's and good QSO's

                           JLuis, CT1EZW

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   E-Mail: jluis@ci.ua.pt   Universidade de Aveiro
   Phone: +351-34-370200 Ext.2255   Centro de Informatica
                                                   Campus de Santiago
                                                  3800 Aveiro - PORTUGAL

Date: Mon, 30 May 1994 16:40:17 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!relay.puug.pt!
news.inesc.pt!animal.inescn.pt!ciup2.ncc.up.pt!news.ci.ua.pt!
etjfonte@network.ucsd.edu
Subject: LOOKING FOR CLUB STATIONS
To: info-hams@ucsd.edu

     Hello , thanks for reading .
     Are there any hams who belong to Universities club stations ?
     We are starting our own associatio(club) and it would be nice to
     exchange information with other clubs (ideas,...)
     Maybe making skeds for QSO's and small nets...
     (Campus nets !!!!)

```
     BTW our call is CT6ARU and we have been active on 40/15/10 mtrs.
     Also on sat's RS10/RS12...
     If you want to schedule a QSO with us just email me.
     at etjfonte@zeus.ci.ua.pt
     Long live Amateur Radio ... 73's and GOOD DX'ing


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|------------------------------------------------------------------------|
| Jose' Miguel M.B.Fonte        | Aveiro University - PORTUGAL - EUROPE   |
| Box 108 - 4801 Guimaraes - PT. | Electronics and Telecomunications Dept. |
| E-mail : etjfonte@ci.ua.pt     |---|------------------------------------|
| PACKET : CT1ENQ@CT1EDY.CTAV.PRT.EU |  Ham:CT1ENQ - Univer.Club: CT6ARU    |
|------------------------------------|------------------------------------|
Vai-se de fracasso em fracasso ate' ao exito final.
                               Charles F. Keitering


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Date: 30 May 94 12:17:35 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!darwin.sura.net!newsserver.jvnc.net!
news.caren.net!news.join.ad.jp!wnoc-tyo-news!news.iij.ad.jp!wincgw1!creamy!icspub!
ee!qed!kitagawa@network.ucsd.
Subject: VPED ver 1.05 PHONE Pile-up Trainer has been released
To: info-hams@ucsd.edu


VPED ver 1.05 voice pile-up trainter for IBM-PC + Sound Blaster has
been released by JE3MAS MasIII Hiroyuki Kozu. This is a phone version
of PED. Enjoy phone contests and DX-peditions in virtual world, and
don't forget to call us in the real WW phone!


                    *--- *- ***-- --** --- ****
                    masa JH3PRR // Mt.RF JA3ZOH
                    *--- **** ***-- *--* *-* *-*
How to obtain VPED?
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[FTP]    You can always get the latest version of VPED by anonymous ftp
from the primary archive site;
     hostname: qed.laser.ee.es.osaka-u.ac.jp
     IP address:   133.1.140.211
     directory:    /pub/radio/vped
     filename: vped105.zip   (ver 1.05, for example)

It will be also uploaded to the SimTel archive /pub/msdos/hamradio
directory in a couple of weeks.

[Mail]    You can also get VPED by mail. Send mail
```

To: ped-request@qed.laser.ee.es.osaka-u.ac.jp

with body lines,

        get vped105.zip.uu1
        get vped105.zip.uu2
        get vped105.zip.uu3

to get vped105.zip.uu1 through vped105.zip.uu3 from which you can
reproduce vped105.zip. See instructions given at the beginning of the
first file. If you don't have UUDECODE or UNZIP, see the Appendix.

How to exchange information about VPED? (PED Mailing List)

Other useful commands you can mail to the above address include;
        help   (help for available commands)
        index   (index of available files)
        info   (info about PED Mailing List, PED, and VPED)
        subscribe (subscribe to PED Mailing List)

We have created the PED Mailing List for PED/VPED users to help each
other, exchange information and share knowhow. You are welcome. The
author is also subscribing to the list and communicating with the
users, but he is NEVER OBLIGED TO SUPPORT users in any sense.

The manuals probably need improvements. Your feedbacks are welcome.
Send them to PED Mailing List <PED@QED.LASER.EE.ES.OSAKA-U.AC.JP>.

VPED would be much real if you can use voices from nine different
persons. The maintainer of PED archive is planning to make a common
place to exchange your VD files. If you don't mind, please contribute
your own VD file to the archive. The announce will be made when the
place is ready. Stay tuned!

Appendix: How to obtain UUDECODE and UNZIP?

If you get PED/VPED files by mail, you need UUDECODE. If you don't
have it, you can get it by sending mail

        To: ped-request@qed.laser.ee.es.osaka-u.ac.jp

with body lines,

        get uudecode.doc
        get uudecode.dbg

Save UUDECODE.DBG on your DOS and feed it to DEBUG (which should be on
almost all DOS) by typing

     DEBUG < UUDECODE.DBG

This will make UUDECODE.COM in a minute.

Just in case you don't have UNZIP, you can get it from the same place
in the same manner with the body line,

     get unzip51x.zip.uu

------------------- Excerpt from VPED.TXT ----------------------------
>>>>>>>> Voice-Pileup trainer Vped.exe   Ver 1.05i by JE3MAS <<<<<<<<
                          Copyright(C) 1994 MasIII H.Kozu
   /* This is a free software.   It can be freely distributed. */

   | This is a Voice-pileup trainer for IBM PC/AT and Sound Blaster(*)|
   | users. |
   | You can run an 8 station pileup as long as you like. |

| 1)Vped requires a fast IBM PC/AT.
| (Auther's machine is 386SX 33MHz. I haven't checked how slow it can go.)
| 2)Vped cannot run in the DOS window of MS-Windows(*).
| 3)Vped cannot go along with the TSRs or device drivers which hook timer
| interrupt(INT 8).
| 4)Vped requires XMS driver.(HIMEM.SYS etc.)
| 5)Vped requires at least 2004Kbytes of free protect memories.
     --------------- DETAILS OMITTED --------------
JE3MAS
MasIII H.Kozu
room 906,10-20,Chuo 3-chome,
Joto-ku,Osaka,536
Japan

(INTERNET:KHD00751@niftyserve.or.jp)

Date: 30 May 1994 09:44:27 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!xlink.net!news.dfn.de!
server2.rz.uni-leipzig.de!news.uni-jena.de!prakinf2.PrakInf.TU-Ilmenau.DE!hekla!
tom@network.ucsd.edu
Subject: WPX CW 94 qsl info collection
To: info-hams@ucsd.edu

Hello contesters!

Here are some informations about activities in wpx-cw-94.
First the contribution of OM3EI, second stations listened by myself.
Please help to complete the list. tnx.

```
                      ------------------
                      CQWW WPX CW Contest
                      ------------------
```

Planned contest activity: (info de Roman OM3EI @ OE3XBS.AUT.EU)

```
Contest call  Class  Operator                                   QSL via
-------------------------------------------------------------------------
4F3AAL        SO20m? 4F3AAL                                      AA7AN
6Y0DX         SOAB   KF9PL                                       KF9PL
8P9GU         SO     DL7VOG                                      DL7VOG
A35RK or A36H SO     KK6H                                        KK6H
AH0T          M-S    JA6VZB, JF6BCC                              JA6BSM
C6AHY         SOAB   KH6M                                        WA4WTG
FO0MIZ/A      SO     JA1BK                                       JA1HGY
GB8SH         M-S    GM ops                                      GM3ITN
HB0/DA1WA     M-S    DA1WA                                       DJ0LC
IB0C          SOAB   IK0AZG                                      IK0AZG
II2M          M-S    IK2SGC, IK2SFZ, IK2GWH, IK2RGT, IK2OAH,
                     IK2HDF, I2FGT,IK2SAI                        IK2SGC
IO9T          SO20m  IT9TQH                                      IT9TQH
OH6T          M-S    OH6EI team
OH0AAQ        M-S    OH2BCI, OH2BVF, OH2MAN, OH2NRV              OH2NRV
OH0MYF        SO     OH6YF
OH0X          M-S    OH1MDR, OH1NOA                              OH1NOA
OL5A          M-S    OK/S5 team                                  OK1FYA
OM5M          M-S    OM3KFF team                                 OM3KFF
PA6WPX        M-S    PI4COM team                                 PA3DMH
PJ8H          SO     K3UOC                                       W1AF
PJ8X          M-S    OH2LVG, VP2ML
SU1KR         SOAB   OK2FUN                                      OK2EC
SV9/h.c.      M-S    HA6NY and others                            h.c.
TU4SR         SO     OH8SR                                       OH8SR
YZ7A          M-S    YU7CDE slub station                         YU7JDE

ZA1A          M-S    OK2ZW, OK2PSZ, OH1MKT                       direct
ZD8Z          SOAB   N6TJ                                        VE3HO
```

```
heard stations:
Call          via
------------------------------------
4K2BY         KF2FT
9V1YC         AA5BT
```

```
C48A            9A2AJ
J45X            DL7MAT
EA9/EA7JB       EA5OL
FS5PL           FG5BG
HV4NAC          N2EDF ???
KH2GR/KH0       JF6BCC
OH0X            OH1NOA
OH0AAQ          OH2NRV
OH6T            OH6EI
PJ8H            W1AF
TM2T            F6KDF
TU2PA           KE0LS
TZ6FIC          F6KEQ
ZA1A            direct to OK2PSZ ?

4L0G
9A1A
9K2ZZ
ED8OR
EX8A
HZ1AB
IQ4A
KP2H
L20U
L50D
LY7A
LZ5W
LZ5Z
OM3A
NP2I
P40W
P49V
RU1A
S50A
T9A
TM9C
UU5J
UN5G
UN2L
Z30M
ZX0F
```

Please eMail your additional information to DL5ATP,
planke@systemtechnik.tu-ilmenau.de

You will get the completed information in reply next monday.

This information will be accessable up from next week on my www-site

http://server.systemtechnik.tu-ilmenau.de/hamqsl.html
also.

gd dx, Thomas, DL5ATP
--
Thomas Planke   Planke@Systemtechnik.TU-Ilmenau.DE
Technical University of Ilmenau   Phone: +49 3677/69-1465

Date: 30 May 1994 12:52:41 -0700
From: ihnp4.ucsd.edu!swrinde!elroy.jpl.nasa.gov!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <vanwagCqLJB5.Myz@netcom.com>, <1994May30.111450.24376@cs.brown.edu>,
<vanwagCqMr2B.A7D@netcom.com>¸
Subject : Re: 440 in So. Cal.

In article <vanwagCqMr2B.A7D@netcom.com>,
George Van Wagner <vanwag@netcom.com> wrote:
[snip]
>I have never said that I have any objection to joining a repeater group.
>As a matter of fact, I belong to the KJ6TQ repeater at 446.650 that I
>mention above, both for the purpose of supporting a worthwhile effort and
>to have the autopatch and paging privileges. I have never had a problem
>with membership charges for expanded use priveleges on a repeater. The
>problem that I have is with co-ordinated pairs being used by a small
>group (5 or 6 people) to the exclusion of all others. There are also a
>large number of paper pairs here in So. Cal. where I have never heard any
>activity whatsoever. Unfortunately, since these pairs are "coordinated"
>they are not available to someone who may want to put up an open system.

Well, that's not exactly true...someone could put up an uncoordinated
repeater and see if there are complaints about interference with the
coordinated repeater. If no such complaints arise, the uncoordinated
repeater can operate with impunity. Indeed, the licensee of the uncoordin-
ated repeater can then apply for coordination. Just because a freq. pair
is coordinated does not automatically preclude the use of an uncoordinated
repeater. It's just that if an uncoordinated repeater interferes with a
coordinated one, the onus is on the uncoordinated repeater to resolve
the interference (cf. FCC Part 97, para. 97.205 (c)). If, as you say,
certain freq. pairs show no activity, they can and should be re-coordinated.

>Oh well, I guess I still believe that old saw about the airwaves
>belonging to the people. ;-)

Oh, but they do! Don't let the radio.cops get you down, George!

Regards,
     Neil (kn6vj)

                         Neil D. Pignatano
                         ndp@misr-fsw.jpl.nasa.gov

                             "Plastic People, oh, baby, you're such a drag!"
                                                          -Frank Zappa

DISCLAIMER: The opinions expressed herein are mine...JPL can get their own!

Date: 30 May 1994 19:15:56 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!news.tamu.edu!furuta@network.ucsd.edu
To: info-hams@ucsd.edu

References <2s5g88$e7n@btree.brooktree.com>, <rogjdCqIMy5.Fnq@netcom.com>,
<CqL07B.Ev5@news.hawaii.edu>
Subject : Re: Ham Radio few problem

In article <CqL07B.Ev5@news.hawaii.edu>,
Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu> wrote:
>>Roger Bly (roger@btree.brooktree.com) wrote:
>>
>>: Good! Several of us in San Diego are also writing letters, petitioning,
>>: jamming, etc. to shut down closed repeaters in the amateur service.
>   ^^^^^^^
>Ah yes, the `new blood' that will save the hobby. They practice jamming when
>they don't get their way, then brag about it. What a filthy disgrace.

     [...]

>For those who are interested, he's KA6MWT

There is absolutely no justification for taking KA6MWT's outrageous
statement and using it to slam the no-code license. I don't think
these extreme statement do anyone any good.

Since it's possible with a little research in the callsign server to
figure out that Roger Bly's call is KA6MWT, it is also quite simple to
notice that holders of calls in this region have been licensed for
quite some time---since at least the mid-1980's. Whether or not
KA6MWT is a lid has nothing at all to do with current licensing

policy.

It's bad enough when the arguments keep repeating over and over. It's
getting destructive when they become ad hominem.

                            --Rick
                             KE3IV

Date: Mon, 30 May 1994 18:13:31 GMT
From: netcomsv!netcom.com!rogjd@decwrl.dec.com
To: info-hams@ucsd.edu

References <vanwagCqLJB5.Myz@netcom.com>, <1994May30.111450.24376@cs.brown.edu>,
<2sd8b1$kd6@kaiwan.kaiwan.com>
Subject : Re: 440 in So. Cal.

Robb Topolski KJ6YT (topolski@kaiwan.com) wrote:
: You can't appreciate the situation here until you've operated here. I
: wish I had a way to scan you guys the pages of the 440 repeater "guide"
: here -- very very few open systems and THEY ARE ALL PUT ON THE SAME
: HALF-DOZEN PAIRS WITH DIFFERENT PL'S!!!! It's awful. We have renegades
: fighting the coordinating body and I don't blame them one bit.

: Half of the coordinated repeaters only exist on paper.

: Don't blame any So.Cal. operator for being pissed as hell at the 440
: situation. It stinks to high heaven.

: --
: ____[Robb Topolski]___[San Clemente, CA]___[topolski@kaiwan.com
]____ : Exactly the point. You have to operate 440 in So Cal to "get it"
I guess. Most of the closed/private repeaters see little or no use.
Which is fine, that's the trustee/owner's prerogative. No one argues
that. What is objectionable is that the coordinating body reserves the
repeater pairs for a small group, thereby discouraging other potential
repeater trustees from opening OPEN repeaters on 440.

To validate my point, all one needs to do is contrast 2 meters to 440 in
Southern California. Two meters is bursting with vitality! Many many
open repeaters with good operating procedures and courtesy, AND LOTS OF
FRIENDLY QSOS as the order of the day. 440? Mostly dead silence. The
few open repeaters are very active; so much in fact that it difficult to
get time on them.

By the way, before anyone accuses me of "expecting a free lunch, embracing
a welfare system, etc. etc." please be advised that I am a member of two

repeater clubs and voluntarily pay a total of over $200/year to help with
the cost of keeping up club repeaters.

440 in Southern California needs a new coordinating body and a new
coordinating philosophy, it's as simple as that. I propose the following
as a starter: "If you aren't open, you aren't coordinated."

--

                                        rogjd@netcom.com
                                        Glendale, CA
                                        AB6WR

Date: 30 May 1994 12:40:49 -0700
From: ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-
mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <vanwagCqLJB5.Myz@netcom.com>, <CqLnv2.MAn@news.Hawaii.Edu>,
<2sdamp$s35@bones.et.byu.edu>
Subject : Re: 440 in So. Cal.

Ed Haymore (haymoree@newt.ee.byu.edu) wrote:
: Jeffrey Herman (jherman@uhunix.uhcc.Hawaii.Edu) wrote:

: | George: Why not do what hams used to do on 2, 1 1/4, and 3/4 meters before
: | repeaters: Simplex. Put your construction skills to use and build your-
: | self a beam antenna and have some fun.

: I don't know what it's like in other parts, but here in Utah there are
: only two simplex frequencies on 440...

The rest of us operate simplex in the 431 - 433 part of the UHF band. You
don't see simplex use in the repeater sub-bands of 2meters. Here in
northern california we use 441.000 446.000 446.500 for simplex or we talk
car to car on the output frequency of the repeaters we use every day.

Next weekend is the VHF contest. Check out the simplex frequencies for
some long distance communications. Work the guys that are in the contest,
They are having a blast, you can enjoy the spirit!

Bob

--

```
     Bob Wilkins                    work    bwilkins@cave.org
 Berkeley, California               home    rwilkins@ccnet.com
      94701-0710                    play    n6fri@n6eeg.#nocal.ca.usa.noam


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End of Info-Hams Digest V94 #594
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```